

Filed
2/18/04

INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>				ATTY. DOCKET NO.		SERIAL NO.	
				2003U038.US		Unassigned	
				APPLICANT			
				Porter C. Shannon et al.			
				FILING DATE		GROUP	
02/18/2004		Unassigned					
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
a	AA	4,289,727	09/15/1981	Herrington, Jr.	264	173	
	AB	4,547,551	10/15/1985	Bailey et al.	525	240	
	AC	5,210,142	05/11/1993	Kale et al.	525	240	
	AD	5,260,384	11/09/1993	Morimoto et al.	525	240	
	AE	5,284,613	02/08/1994	Ali et al.	264	566	
	AF	5,539,076	07/23/1996	Nowlin et al.	526	348.1	
	AG	5,681,523	10/28/1997	Cobler et al.	264	565	
	AH	5,739,266	04/14/1998	Piana	528	483	
	AI	5,882,750	03/16/1999	Mink et al.	428	35.7	
	AJ	6,201,078	03/13/2001	Breulet et al.	526	113	
	AK	6,316,546	11/13/2001	Ong et al.	525	53	
	AL	6,485,662	11/26/2002	Neubauer et al.	264	169	
	AM	6,562,905	05/13/2003	Nummila-Pakarinen et al.	525	191	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
a	AN	WO 02/090393	11/14/2002	PCT			
	AO	WO 03/047839	06/12/2003	PCT			
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)							
	AN						
EXAMINER <i>Amber Lu</i>				DATE CONSIDERED <i>9-28-04</i>			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next comment to applicant							

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	BA						
	BB						
	BC						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	BD						
	BE						
	BF						
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)							
<i>a</i>	BG	F.P. Alt et al "Bimodal Polyethylene - Interplay of Catalyst and Process" 163 MACROMOL. SYMP. 135-143 (2001)					
	BH	R.A. Sousa, "Structure Development and Interfacial Interactions in High-Density Polyethylene/Hydroxyapatite (HDPE/HA) Composites Molded with Preferred Orientation" 86 JOURNAL OF APPLIED SCIENCE, 2873-2886 (2002)					
	BI	FILM EXTRUSION MANUAL, PROCESS, MATERIALS, PROPERTIES, pp. 133-143 (TAPPI, 1992)					
	BJ	FILM EXTRUSION MANUAL, PROCESS, MATERIALS, PROPERTIES, pp. 491-500 (TAPPI, 1992)					
	BK	H.-T. Liu et al, "Bimodal Polyethylene Products from UNIPOL TM Single Gas Phase Reactor Using Engineered Catalysts" 195 MACROMOL. SYMP. 309-316 (July, 2003)					
	BL	METALLOCENE-BASED POLYOLEFINS 366-378 (John Scheirs & W. Kaminsky, eds. John Wiley & Sons, Ltd. 2000)					
	BM						
	BN						
EXAMINER <i>Rayner Lu</i>				DATE CONSIDERED <i>9/28/04</i>			
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FORM - 1449

SHEET 1 OF 1

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				2003U038.US		10/781,404	
				APPLICANT			
				Porter C. Shannon et al.			
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02/18/2004		Unassigned					
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AL	AA	US 6,579,922	6/17/03	Laurent	524	240	
	AB	US 6,545,093	4/8/03	de Lange et al.	535	191	
	AC	US 6,355,733	3/12/02	Williams et al.	525	191	
	AD	US 5,514,455	5/7/96	Michie, Jr. et al.	428	220	
	AE	US 5,378,764	1/3/95	Benham et al.	525	240	
	AF						
	AG						
	AH						
	AI						
	AJ						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
	AK						YES NO
	AL						
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)							
	AM						
	AN						
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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ca	BA	US 4,461,873	7/24/84	Bailey et al.	525	240	
	BB	US 4,551,704	4/16/85	Tanaka et al.	526	125	
	BC	US 5,494,965	2/27/96	Harlin et al.	525	52	
	BD	US 5,858,491	1/12/99	Geussens et al.	428	36.9	
	BE	US 6,534,604	3/18/03	Loveday et al.	526	113	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	PUBL DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
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ca	BF	HTA 001HP2 "ExxonMobil HDPE Blown Film Resin" ExxonMobil Chemical (2003)					
	BG	HDPE 53050E "Blown Film Resin" Dow Plastics (1997)					
	BH	F00952EQ "HDPE for Blow Film" SABIC (Saudi Basic Industries Corp.) (2002)					
	BI	FINATHENE 2285 and 2287 "High Density Polyethylene" Atofina (2002); "FINATHENE HMW-HDPE Optimization of Blown Film, Atofina Petrochemicals, Inc. (posted petrochemicals.atofina.com 2001-2004).					
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